

GIS REGISTRY INFORMATION

SITE NAME:	Brookfield Central High School			FID #	
BRRTS #:	03-68-500824			(if appropriate):	
COMMERCE # (if appropriate):	53005-5199-00B				
CLOSURE DATE:	February 1, 2005				
STREET ADDRESS:	16900 W Gebhardt Rd				
CITY:	Brookfield				
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X =	672850	Y =	288629	
CONTAMINATED MEDIA:	Groundwater	<input checked="" type="checkbox"/>	Soil	<input type="checkbox"/>	Both <input type="checkbox"/>
OFF-SOURCE GW CONTAMINATION >ES:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
• IF YES, STREET ADDRESS:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
• IF YES, STREET ADDRESS 1:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
CONTAMINATION IN RIGHT OF WAY:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
<u>DOCUMENTS NEEDED</u>					
Closure Letter, and any conditional closure letter issued					<input checked="" type="checkbox"/>
Copy of most recent deed, including legal description, for all affected properties					<input checked="" type="checkbox"/>
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties					<input checked="" type="checkbox"/>
County Parcel ID number, if used for county, for all affected properties					<input checked="" type="checkbox"/>
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.					<input checked="" type="checkbox"/>
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.					<input checked="" type="checkbox"/>
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)					<input checked="" type="checkbox"/>
Tables of Latest Soil Analytical Results (no shading or cross-hatching)					<input type="checkbox"/>
Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.					<input checked="" type="checkbox"/>
GW: Table of water level elevations, with sampling dates, and free product noted if present					<input type="checkbox"/>
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)					<input checked="" type="checkbox"/>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour					<input type="checkbox"/>
Geologic cross-sections, if required for SI. (8.5x14" if paper copy)					<input type="checkbox"/>
RP certified statement that legal descriptions are complete and accurate.					<input checked="" type="checkbox"/>
Copies of off-source notification letters (if applicable)					<input type="checkbox"/>
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)					<input type="checkbox"/>
Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure					<input type="checkbox"/>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
Jim Doyle, Governor
Mary P. Burke, Secretary

February 1, 2005

Mr. David Ross
Elmbrook School District
13780 West Hope Street
P.O. Box 1830
Brookfield, WI 53005-1700

RE: **Final Closure**

Commerce # 53005-5199-00B **WDNR BRRTS # 03-68-500824**
Brookfield Central High School, 16900 West Gebhardt Road, Brookfield

Dear Mr. Ross:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual groundwater contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5361.

Sincerely,

A handwritten signature in red ink that reads "Monica Weis".

Monica L. Weis
Hydrogeologist
Site Review Section

cc: Mr. Steven Thuemling, Giles Engineering Associates, Inc.
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
Jim Doyle, Governor
Cory L. Nettles, Secretary

December 9, 2004

Mr. David Ross
Elmbrook School District
13780 West Hope Street
P.O. Box 1830
Brookfield, WI 53005-1700

RE: **Conditional Case Closure**

Commerce # 53005-5199-00B **WDNR BRRTS # 03-68-500824**
Brookfield Central High School, 16900 West Gebhardt Road, Brookfield

Dear Mr. Ross:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Giles Engineering Associates, Inc., for the site referenced above. It is understood that residual groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary. This letter serves as your written notice of "no further action".

The following condition must be satisfied to obtain final closure:

- Groundwater monitoring well MW-1 must be properly abandoned and the appropriate documentation forwarded to me at the letterhead address.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5361.

Sincerely,

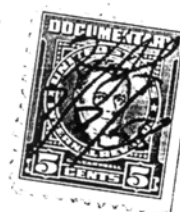
Monica L. Weis
Hydrogeologist
Site Review Section

cc: Mr. Steve Thuemling, Giles Engineering Associates, Inc.
Case File

This indenture, Made this 2nd day of July, A. D., 19 58,
between GREENVIEW ACRES, INC.
a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee,
Wisconsin, party of the first part, and UNION FREE HIGH SCHOOL DISTRICT #1, of the Towns
of Brookfield and New Berlin,

part Y of the second part.
Witnesseth, That the said party of the first part, for and in consideration of the sum of
ONE DOLLAR (\$1.00) and other valuable consideration
to it paid by the said part Y of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained,
sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey, and confirm
unto the said part Y of the second part, its successors and assigns forever, the following described real estate, situated in
the County of Waukesha, State of Wisconsin, to-wit:

Lot numbered Five (5), in Block numbered One (1), Greenview
Acres, being a Subdivision of part of the Northwest 1/4 of
Section 22, Town 7 North, Range 20 East, in the City of
Brookfield.



Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate,
right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of,
in and to the above bargained premises, and their hereditaments and appurtenances

To have and to hold the said premises as above described with the hereditaments and appurtenances, unto the said part Y
of the second part, and to its successors ~~XXXX~~ and assigns FOREVER.

And the said GREENVIEW ACRES, INC.
party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said part Y of the second
part, its successors ~~XXXX~~ and assigns, that at the time of the ensembling and delivery of these presents it is well seized
of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the
same are free and clear from all incumbrances whatever, except ordinances, easements and restrictions
of record, if any.

and that the above bargained premises in the quiet and peaceable possession of the said part Y of the second part, its successors
~~XXXX~~ and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and
DEFEND.

In Witness Whereof, the said GREENVIEW ACRES, INC.
party of the first part, has caused these presents to be signed by Joseph Sileno
its President, and countersigned by Lawrence G. Reuter, its Secretary,
at Milwaukee, Wisconsin, and its corporate seal to be hereunto affixed, this
2nd day of July, A. D., 19 58.

SIGNED AND SEALED IN PRESENCE OF

GREENVIEW ACRES, INC.

Harriet Garvey
Harriet Garvey
Robert Lewis

COUNTERSIGNED:

Joseph Sileno
Joseph Sileno

Corporate Name
President

384827

610-185

This indenture, Made this 6th day of August, A. D., 1953,
between Edwin B. Bruner and Evelyn C. Bruner, his wife,

parties of the first part, and
Union Free High School District No. 1 of the Towns of Brookfield and Berlin,
a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located
in Waukesha County, Wisconsin, party of the second part.

Witnesseth. That the said parties of the first part, for and in consideration of the sum of
One dollar and other good and valuable considerations

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and
acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and
by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party
of the second part, its successors and assigns forever, the following described real estate, situated in the
County of Waukesha and State of Wisconsin, to-wit: That part of the East 1/2
of the North 1/2 of the Northwest 1/4 of Section 22, Township 7 North,
Range 20 East, in the Town of Brookfield, county and state aforesaid,
bounded and described as follows, to-wit: Commencing at a point in the
North line of said quarter section which is 1038.47 feet West of the North
east corner of said quarter section; running thence South and parallel
to the East line of said quarter section, 1330.70 feet to a point in the
1/8 line; thence West on and along said 1/8 line 296.05 feet to the 1/8
corner; thence North on and along the 1/8 line, 1331.93 feet to a point
in the North line of said quarter section; thence East on and along said
North line of quarter section, 293.21 feet to the place of beginning,
containing nine acres; more or less;

Also that part of the East Half of the West Half of the North-
west 1/4 of said section 22, bounded and described as follows, to-wit:
Commencing at the Northeast corner of the East 1/2 of West 1/2 of said
Northwest quarter section; running thence South on and along the East
line of the East 1/2 of the West 1/2 of said quarter section, 250 feet
to a point; thence West and parallel with the North line of said quarter
section, 5 feet to a point; thence North 250 feet to a point in the North
line of said quarter section; thence East on and along the North line
of said quarter section 5 feet to the place of beginning;

(The parties of the first part reserve the right of possession of
said premises until the expiration of the 30th day of November, 1953;
and the right to remove any and all growing crops or to harvest the same,
and also all plants, flowers, bushes and perennials, at any time before
physical possession of the premises is surrendered to party of the second
part; and further reserve the right to remove from said premises all or
any part of the buildings, improvements and installations thereon, and to
retain the material derived by them from the same, at any time before

November 30th, 1953; that the parties of the first part shall, how-
ever, not be obliged to remove all of such buildings, improvements or
installations, nor to remove all of any building or structure of which
a portion may be removed by them, nor to clean up or remove any debris
left on the premises after such removal; and it shall be entirely op-
tional with them to remove all or any part of the buildings, improve-
ments or installations on said premises and to retain that portion so
removed as their own property, without liability to repay or credit
the value thereof or any part of the same on account of the purchase
price of said premises; but any part of the buildings, improvements

389430

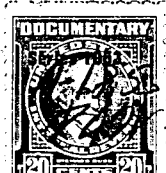
Vol 619 Page 295

This indenture, Made this 18th day of November, A. D., 1953,
between ROBERT A. WICK and RUTH P. WICK, his wife, and BYRON A. SPEICH
and ROSEMARY F. SPEICH, his wife,

parties of the first part,
and UNION FREE HIGH SCHOOL DISTRICT # 1 OF THE TOWNS OF BROCKFIELD AND
NEW BERLIN, WAUKESHA COUNTY, WISCONSIN.

parties of the second part.
Witnesseth, That the said parties of the first part, for and in consideration of the sum of
One Dollar (\$1.00) and other good and valuable consideration

to them in hand paid by the said parties of the second part, the receipt whereof is hereby confessed
and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed,
and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said
parties of the second part, their heirs and assigns forever, the following described real estate, situated
in the County of Waukesha and State of Wisconsin, to-wit: Part of the West 1/2
of the East 1/2 of the Northwest 1/4 of Section 22, Township 7 North
of Range 20 East in the Town of Brookfield, Waukesha Co., Wis., bounded
and described as follows, to-wit: Commencing at a point in the South
line of said 1/4 Section which is 996.10 feet West of the Southeast Corner
of said 1/4 Section; running thence North 1330.64 feet to a point in the
1/8th line, said point being 994.67 feet West of the east 1/8th corner
of said 1/4 Section; thence West on and along the said 1/8th line 339.85
feet to a point; said point being the center of said 1/4 Section; thence
South on and along the West line of the East 1/2 of the said 1/4 Section
1331.03 feet to a point in the South line of said 1/4 Section; thence
East on and along the South line of said 1/4 Section 341.27 feet to
the place of beginning, containing 10.40 acres.



Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise
appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said parties of the
first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises,
and their hereditaments and appurtenances.

To have and to hold the said premises as above described with the hereditaments and appurtenances, unto

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Section 235.16, Wisconsin Statutes

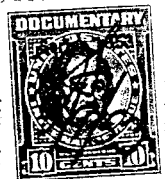
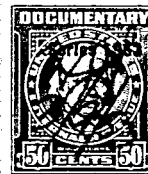
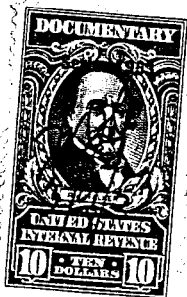
This Indenture, Made this 9th day of March, A. D., 1953,

between Bernhard Fredrich, a/k/a Bernhard Frederick and Bernhard Fredrick,
and Nellie Fredrich, his wife,
of Brookfield and New Berlin, Waukesha County, Wisconsin, parties of the first part, and
Union Free High School District No. 1 of the Towns/ ~~XXXXXX~~
~~XXXXXX~~
~~XXXXXX~~
party of the second part,

Witnesseth, That the said parties of the first part, for and in consideration of the sum of
One (\$1.00) Dollar and other valuable consideration

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed
and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and
by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party
of the second part, its successors and assigns forever, the following described real estate, situated in the
County of Waukesha and State of Wisconsin, to-wit:

The East Half ($E\frac{1}{2}$) of the West Half ($W\frac{1}{2}$) of the Northwest Quarter ($NW\frac{1}{4}$) of Section numbered Twenty-two (22) in Township numbered Seven (7) North, of Range Twenty (20) East, in the Town of Brookfield, Waukesha County, Wisconsin, except that part thereof bounded and described as follows: Commencing at the Northeast corner of the East One-half of the West One-half of said Northwest Quarter Section; running thence South on and along the East line of the East One-Half of the West One-Half of said Northwest Quarter Section, 250.00 feet to a point; thence West and parallel with the North line of said Quarter Section 5.00 feet to a point; thence North 250.00 feet to a point in the North line of said Quarter Section; thence East on and along the North line of said Quarter Section 5.00 feet to the place of beginning.



Property Tax Listing - Register of Deeds/Treasurer - County Data Warehouse - version 1.05				
Search Options View Tax Bill View GIS Image Help			Search by <input type="text"/>	
Tax Listing Details				
2004 REAL PROPERTY TAX LISTING			Effective Date: 5/3/2004	
Tax Key	BR C1094996001	View: Previous Year		
Address	16900 GEBHARDT RD			
Legal Description: E1/2W1/2NW1/4 SEC 22 T7N R20E EXC V591/450 39.97 AC				
Description				
Assessment Year:	2004	Active for Assessment Year:	No	
First Roll Year:		Retired Roll Year:		
Assessed With Others:	No	Referral:	No	
Burial Site:	No			
Listed To:				
ELMBROOK SCHOOL DISTRICT				
13780 HOPE ST				
BROOKFIELD, WI 53005				
Assessment Information				
Assessed By:	LOCAL	Assessment Type:	FULL	
Approved Value Year:	2003	Board of Review Date:	6/24/2003	
Assessment Ratio:	91.27%	Assessment Ratio Year:	2003	
Property Values:				
Property Class	Acres	Land	Improvement	Total
LOCAL EXEMPT	0	\$0.00	\$0.00	\$0.00
Total:	0	\$0.00	\$0.00	\$0.00
Districts:				
District Type	District Name	DOR Code		
CITY	BROOKFIELD	206		
TCDB	WAUKESHA TECH COLLEGE DIST	08		
County Web Site				40

This program accesses data from databases maintained by several County Departments and Local Municipalities. There may be inconsistency in data depending on the date the information was gathered or the purpose for which it is maintained. Due to variances in sources and update cycles, there is no guarantee as to the accuracy of the data. For questions regarding tax listing, contact the County Register of Deeds' Office at (262)548-7589 . For questions regarding County Tax Bills, contact the County Treasurer's Office at (262)548-7029 .



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Map Legend

Closed Remediation Sites:

contaminated groundwater

contaminated soil

groundwater, soil contaminated

Offsource, contaminated properties

Counties

Interstate/US/State Highways

River/Streams/Openwater

Cities, Towns, Villages

Center / Pan / ▲WTM91 coordinates

Zoom_In The Most

Zoom_Out 1.5x

Identify By Point Location

Or select a
county

ADAMS Find

Or select
city/town/
village

ABBOTSFORD Find

Enter a

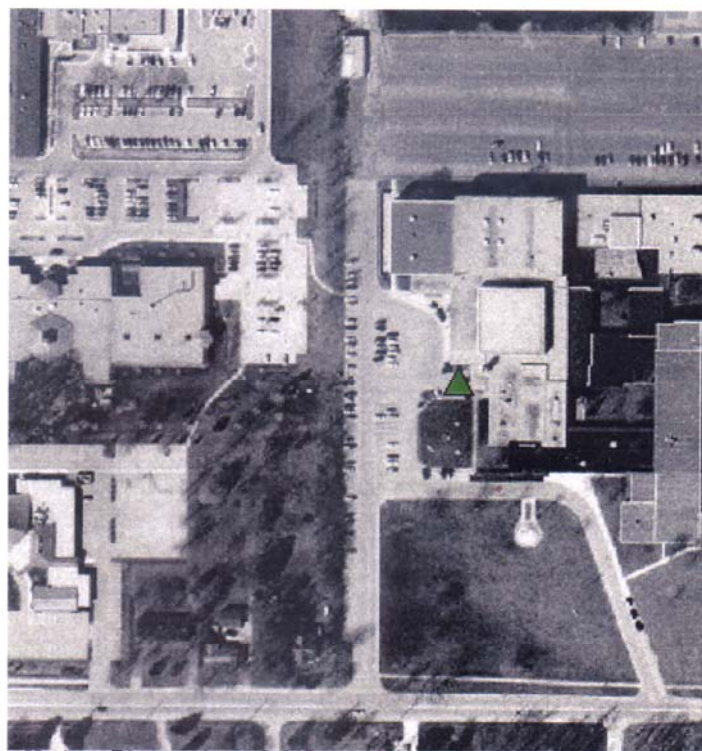
county or a

city / village name to find:

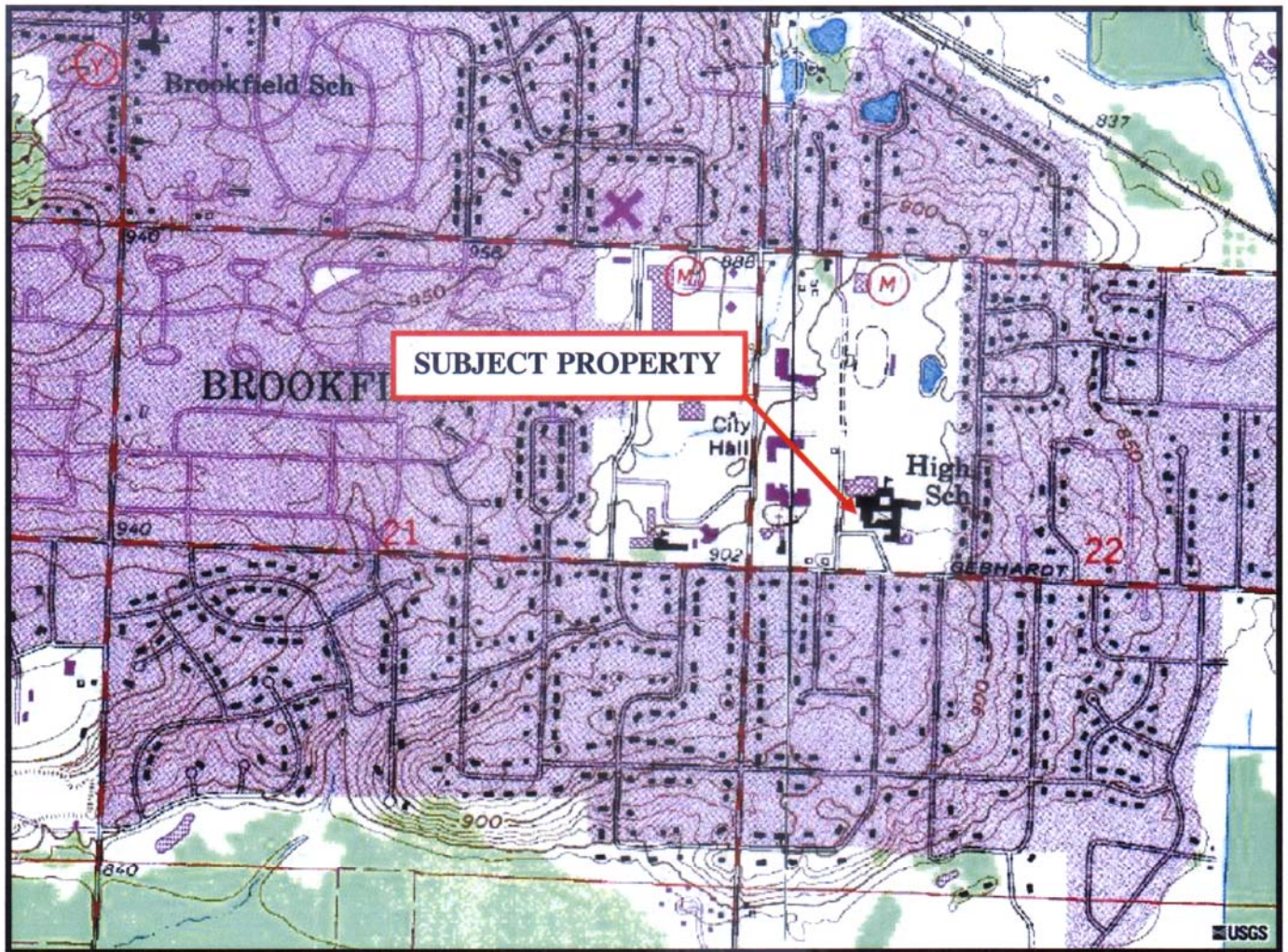
Find

Help

Full Extent

[Please read the documentation for more information.](#)

▲WTM coordinates: 672850, 288629



Source: United State Geological Service *Wauwatosa, Wisconsin 7.5-Minute Series*
(Topographic) Quadrangle Map (1958; Revised 1994)

Scale: 1:24,000

Contour Interval: 10 Feet

WTM Coordinates: 672850, 288629



FIGURE 1
SITE LOCATION

Brookfield Central High School
16900 Gebhardt Road
Brookfield, Wisconsin
Project No. 1E-0309022



GILES
ENGINEERING ASSOCIATES, INC.

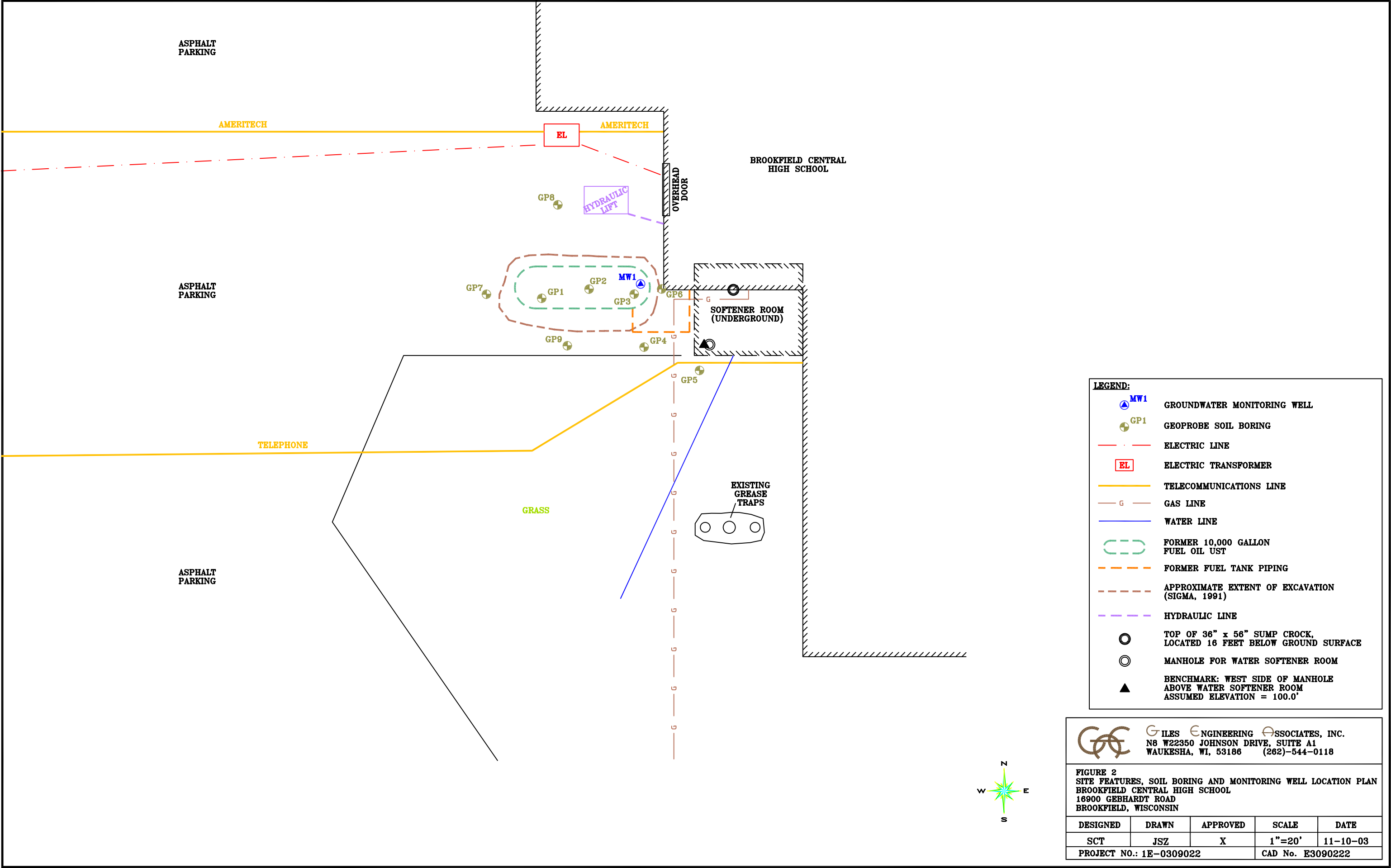


Table 2

Soil Analytical Results (PAHs)

Brookfield Central High School
16900 Gebhardt Road
Brookfield, Wisconsin
Project No. 1E-0209022

Analyte	Test Boring Numbers									Suggested Generic RCLs	
	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	Groundwater Pathway (1)	Direct Contact, Non-industrial Pathway (2)
Sample Depth (feet)	12-14	12-14	12-14	4-6	4-6	10-12	14	14	14		
Sample Date	8/11/03	8/11/03	8/11/03	8/11/03	8/11/03	10/21/03	10/21/03	10/21/03	10/21/03		
PID	BDL	BDL	60	BDL	BDL	BDL	BDL	BDL	BDL		
DRO (mg/kg)	<6.0	31	<u>4.520</u>	9.6	8.5	NS	NS	NS	NS	100	
Detected PAHs (ug/kg)											
Acenaphthene	NS	NS	NS	NS	NS	<62	<59	<58	<55	38,000	900,000
Acenaphthylene	NS	NS	NS	NS	NS	<100	<100	<98	<94	700	18,000
Anthracene	NS	NS	NS	NS	NS	25	<5.9	<5.8	<5.5	3,000,000	5,000,000
Benzo (a) anthracene	NS	NS	NS	NS	NS	110	<5.9	<5.8	<5.5	17,000	88
Benzo (b) fluoranthene	NS	NS	NS	NS	NS	43	<5.9	<5.8	<5.5	360,000	88
Benzo (k) fluoranthene	NS	NS	NS	NS	NS	70	<5.9	<5.8	<5.5	870,000	880
Benzo (a) pyrene	NS	NS	NS	NS	NS	57	<5.9	<5.8	<5.5	48,000	8.8
Benzo (g,h,i) perylene	NS	NS	NS	NS	NS	68	<5.9	<5.8	<5.5	6,800,000	1,800
Chrysene	NS	NS	NS	NS	NS	148	<5.9	<5.8	<5.5	37,000	8,800
Dibenzo (a,h) anthracene	NS	NS	NS	NS	NS	<9.2	<8.9	<8.7	<8.3	38,000	8.8
Fluoranthene	NS	NS	NS	NS	NS	369	<12	<12	<11	500,000	600,000
Fluorene	NS	NS	NS	NS	NS	58	<12	<12	<11	100,000	600,000
Indeno (1,2,3-cd) pyrene	NS	NS	NS	NS	NS	31	<5.9	<5.8	<5.5	680,000	88
1-Methylnaphthalene	NS	NS	NS	NS	NS	<37	<36	<35	<33	23,000	1,100,000
2-Methylnaphthalene	NS	NS	NS	NS	NS	<31	<30	<29	<28	20,000	600,000
Naphthalene	NS	NS	NS	NS	NS	<37	<36	<35	<33	400	20,000
Phenanthrene	NS	NS	NS	NS	NS	30	<5.9	<5.8	<5.5	1,800	18,000
Pyrene	NS	NS	NS	NS	NS	541	<5.9	<5.8	<5.5	8,700,000	500,000

NOTES:

PID: Photoionization Detector

PAHs: Polynuclear Aromatic Hydrocarbons

ug/kg: Micrograms per kilograms; equivalent to parts per billion (ppb)

WAC: Wisconsin Administrative Code

BDL: Below Detection Limit

NS: No Established Standard

RCLs: Residual Contaminant Levels

(1): Suggested Generic RCLs, "Soil Cleanup Levels for PAHs, Interim Guidance" (Groundwater Pathway)

(2): Suggested Generic RCLs, "Soil Cleanup Levels for PAHs, Interim Guidance" (Direct Contact Non-industrial Pathway)

Results indicated in red/underlined, exceed the Generic RCL Interim Soil Standards (Groundwater Pathway) [April 1997]

Results indicated in green/parenthesis, exceed the Generic RCL Interim Soil Standards (Direct Contact Non-Industrial Pathway) [April 1997] for soils shallower than 4'

TABLE 3
GROUNDWATER ANALYTICAL RESULTS

Brookfield Central High School
16900 Gebhardt Road
Brookfield, Wisconsin
Project No. 1E-0309022

Analytes		SAMPLING LOCATIONS			NR 140 PAL (ug/l)	NR 140 ES (ug/l)
		MW1		Sump		
Date Sampled		12/02/03	02/27/04	02/27/04		
Polynuclear Aromatic Hydrocarbons (PAHs) (ug/l)	Acenaphthene	<3.1	<1.9	<0.58	NS	NS
	Acenaphthylene	<1.3	<0.83	<0.25	NS	NS
	Anthracene	1.5	1.3	0.13	600	3,000
	Benzo (a) anthracene	3.2	0.86	0.91	NS	NS
	Benzo (b) fluoranthene	<0.28	<0.18	(0.11j)	0.02	0.20
	Benzo (k) fluoranthene	<0.24	<0.15	0.084j	NS	NS
	Benzo (a) pyrene	<0.17	<0.11	(0.13)	0.02	0.20
	Benzo (ghi) perylene	<0.50	<0.32	0.17j	NS	NS
	Chrysene	<u>0.4</u>	<u>0.6</u>	<u>0.26</u>	0.02	0.20
	Dibenzo (a,h) anthracene	<0.34	<0.21	<0.064	NS	NS
	Fluoranthrene	3.3	2.7	0.59	80	400
	Fluorene	11	6.8	0.18j	80	400
	Indeno (1,2,3-cd) pyrene	<0.16	<0.10	0.16	NS	NS
	1-methyl Naphthalene	7.3	<1.5	<0.44	NS	NS
	2-methyl Naphthalene	9.5	<1.0	0.43	NS	NS
	Naphthalene	(9.5)	<0.87	<0.26	8	40
	Phenanthrene	1.0	0.21	0.37	NS	NS
	Pyrene	4.8	1.3	0.37	50	250
Detected VOCs (ug/l)	Bromodichloromethane	NA	NA	<u>2.1</u>	0.06	0.6
	Bromoform	NA	NA	(2.4)	0.44	4.4
	Chlorodibromomethane	NA	NA	3.9	NS	NS
	Chloroform	NA	NA	(0.82)	0.6	6

NOTES:

WAC: Wisconsin Administrative Code

VOC: Volatile Organic Compounds

NS: No Established Standard

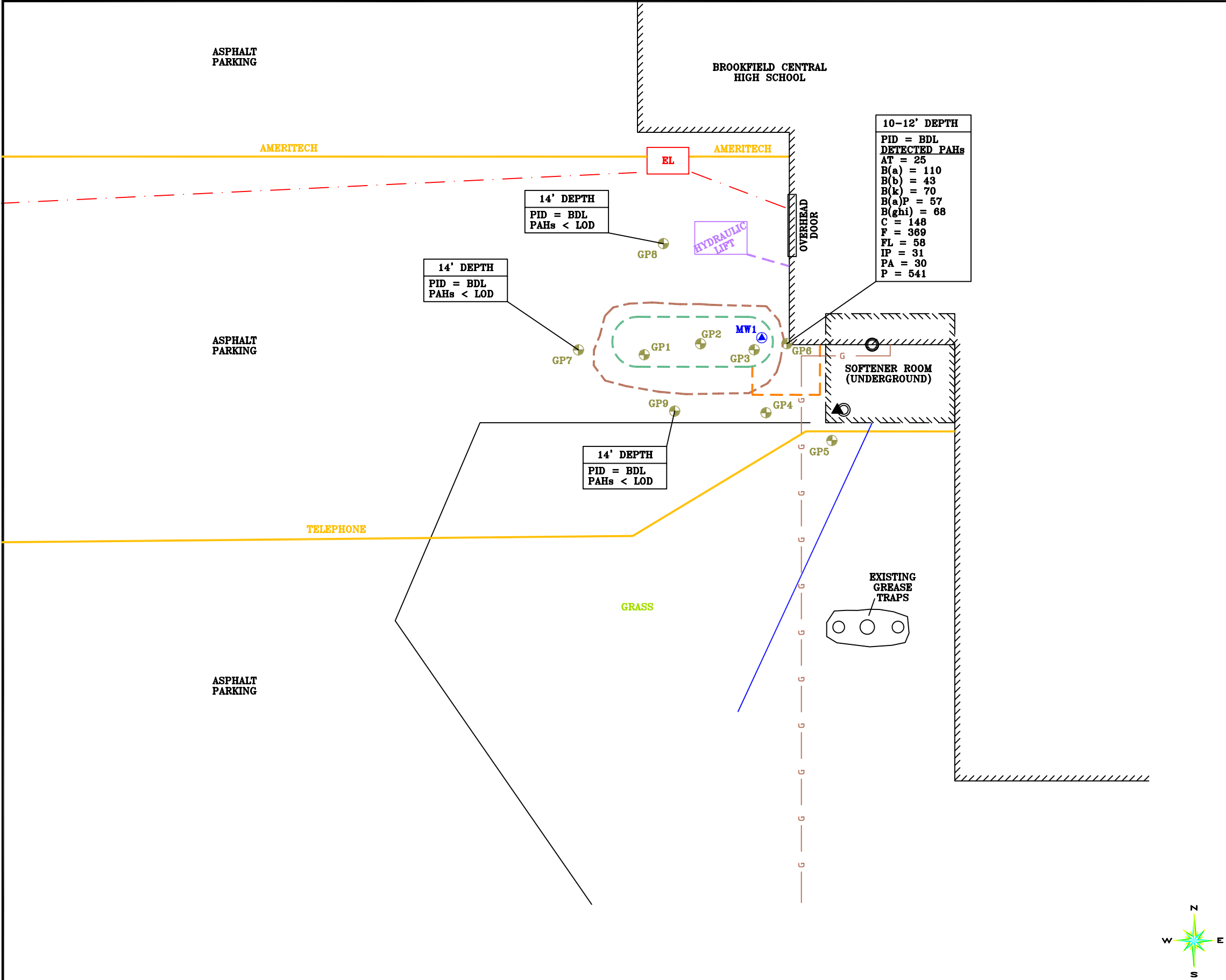
ug/l: Micrograms per liter; equivalent to parts per billion (ppb)

PAL: WAC NR 140 Preventive Action Limit

ES: WAC NR 140 Enforcement Standard

Results indicated in red/underline exceed the WAC NR 140 Enforcement Standard (ES)

Results indicated in blue/parenthesis exceed the WAC NR 140 Preventive Action Limit (PAL)



CHEMICAL KEY:

- AT: ANTHRACENE
- B(a): BENZO (a) ANTHRACENE
- B(b): BENZO (b) FLUORANTHENE
- B(a)P: BENZO (a) PYRENE
- B(g,h,i): BENZO (g,h,i) PERYLENE
- B(k): BENZO (k) FLUORANTHENE
- C: CHRYSENE
- F: FLUORANTHENE
- FL: FLUORENE
- IP: INDENO (1,2,3-cd) PYRENE
- P: PYRENE
- PA: PHENANTHRENE

ABBREVIATIONS:

- BDL: BELOW DETECTION LIMIT
- LOD: LIMIT OF DETECTION
- PAH: POLYNUCLEAR AROMATIC HYDROCARBON
- PID: PHOTOIONIZATION DETECTOR (FIELD)
- RCL: RESIDUAL CONTAMINANT LEVEL

NOTES:

FIELD PID RESULTS EXPRESSED IN INSTRUMENT UNITS

PAH RESULTS EXPRESSED IN MICROGRAMS PER KILOGRAM (ug/kg) EQUIVALENT TO PARTS PER BILLION (ppb)

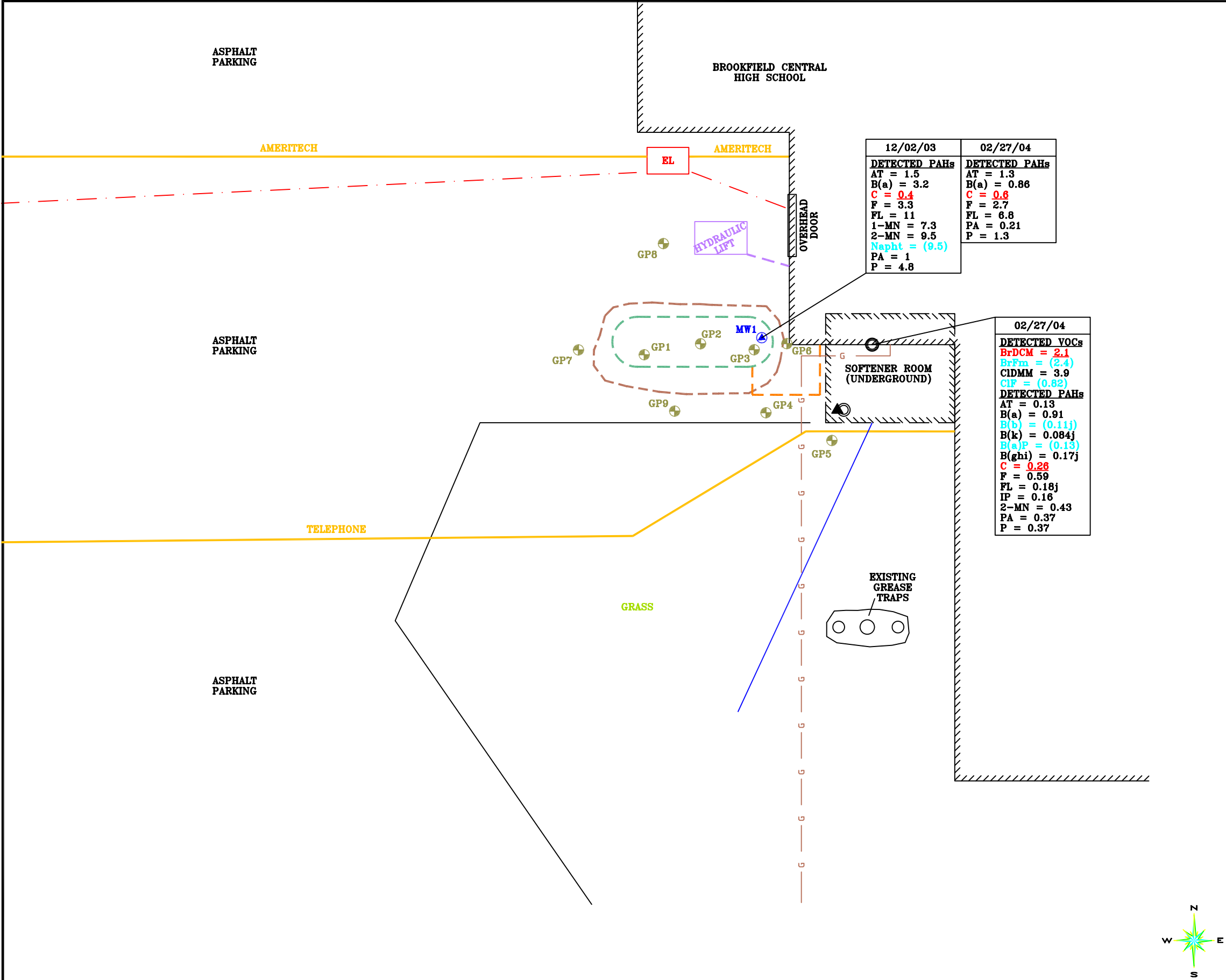
LEGEND:

- MW1 GROUNDWATER MONITORING WELL
- GP1 GEOPROBE SOIL BORING
- ELECTRIC LINE
- ELECTRIC TRANSFORMER
- TELECOMMUNICATIONS LINE
- GAS LINE
- WATER LINE
- FORMER 10,000 GALLON FUEL OIL UST
- FORMER FUEL TANK PIPING
- APPROXIMATE EXTENT OF EXCAVATION (SIGMA, 1991)
- HYDRAULIC LINE
- TOP OF 36" x 56" SUMP CROCK, LOCATED 16 FEET BELOW GROUND SURFACE
- MANHOLE FOR WATER SOFTENER ROOM
- BENCHMARK: WEST SIDE OF MANHOLE ABOVE WATER SOFTENER ROOM ASSUMED ELEVATION = 100.0'

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WAUKESHA, WI, 53186 (262)-544-0118

FIGURE 5
SOIL ANALYTICAL RESULTS
BROOKFIELD CENTRAL HIGH SCHOOL
16900 GEBHARDT ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	JSZ	X	1"=20'	03-15-04
PROJECT NO.: 1E-0309022			CAD No. E3090225	



CHEMICAL KEY:

- AT: ANTHRACENE
- B(a): BENZO (a) ANTHRACENE
- B(b): BENZO (b) FLUORANTHENE
- B(a)P: BENZO (a) PYRENE
- B(g,h,i): BENZO (g,h,i) PERYLENE
- B(k): BENZO (k) FLUORANTHENE
- BrDCM: BROMODICHLOROMETHANE
- BrFm: BROMOFORM
- C: CHRYSENE
- CIF: CHLOROFORM
- DIDMM: CHLORODIBROMOMETHANE
- F: FLUORANTHENE
- FL: FLUORENE
- IP: INDENO (1,2,3-cd) PYRENE
- MN: METHYLNAPHTHALENE
- Napht: NAPHTHALENE
- P: PYRENE
- PA: PHENANTHRENE

ABBREVIATIONS:


- NR: NATURAL RESOURCES
- PAH: POLYNUCLEAR AROMATIC HYDROCARBON
- VOC: VOLATILE ORGANIC COMPOUND
- WAC: WISCONSIN ADMINISTRATIVE CODE

NOTES:

VOC AND PAH RESULTS EXPRESSED IN MICROGRAMS PER LITER (ug/l) EQUIVALENT TO PARTS PER BILLION (ppb)

RESULTS INDICATED IN BLUE/PARENTHESES EXCEED THE WAC NR 140 PREVENTIVE ACTION LIMIT

RESULTS INDICATED IN RED/UNDERLINED EXCEED THE WAC NR 140 ENFORCEMENT STANDARD



GILES ENGINEERING ASSOCIATES, INC.

N8 W22350 JOHNSON DRIVE, SUITE A1

WAUKESHA, WI, 53186 (262)-544-0118

FIGURE 6

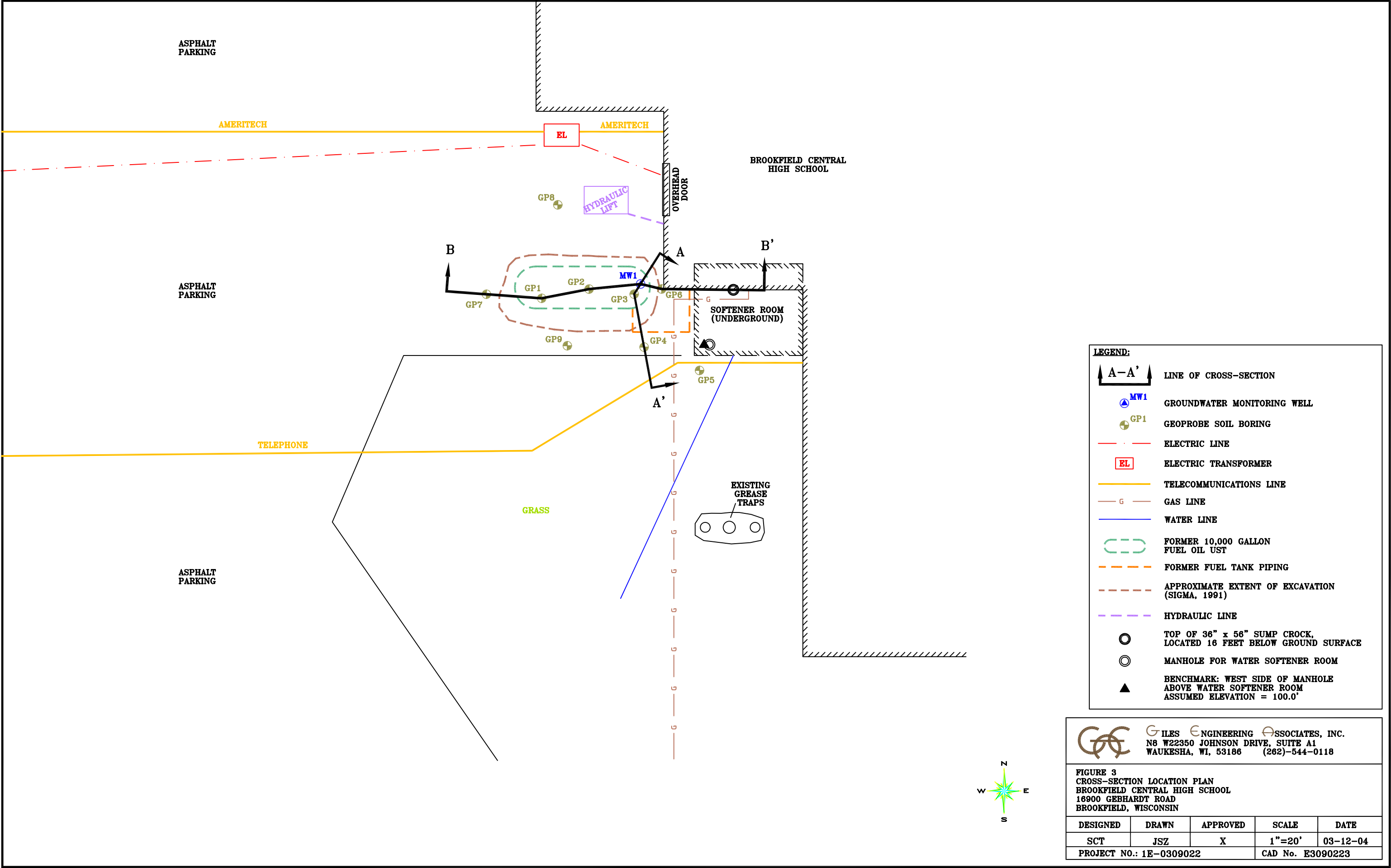
GROUNDWATER ANALYTICAL RESULTS

BROOKFIELD CENTRAL HIGH SCHOOL

16900 GEBHARDT ROAD

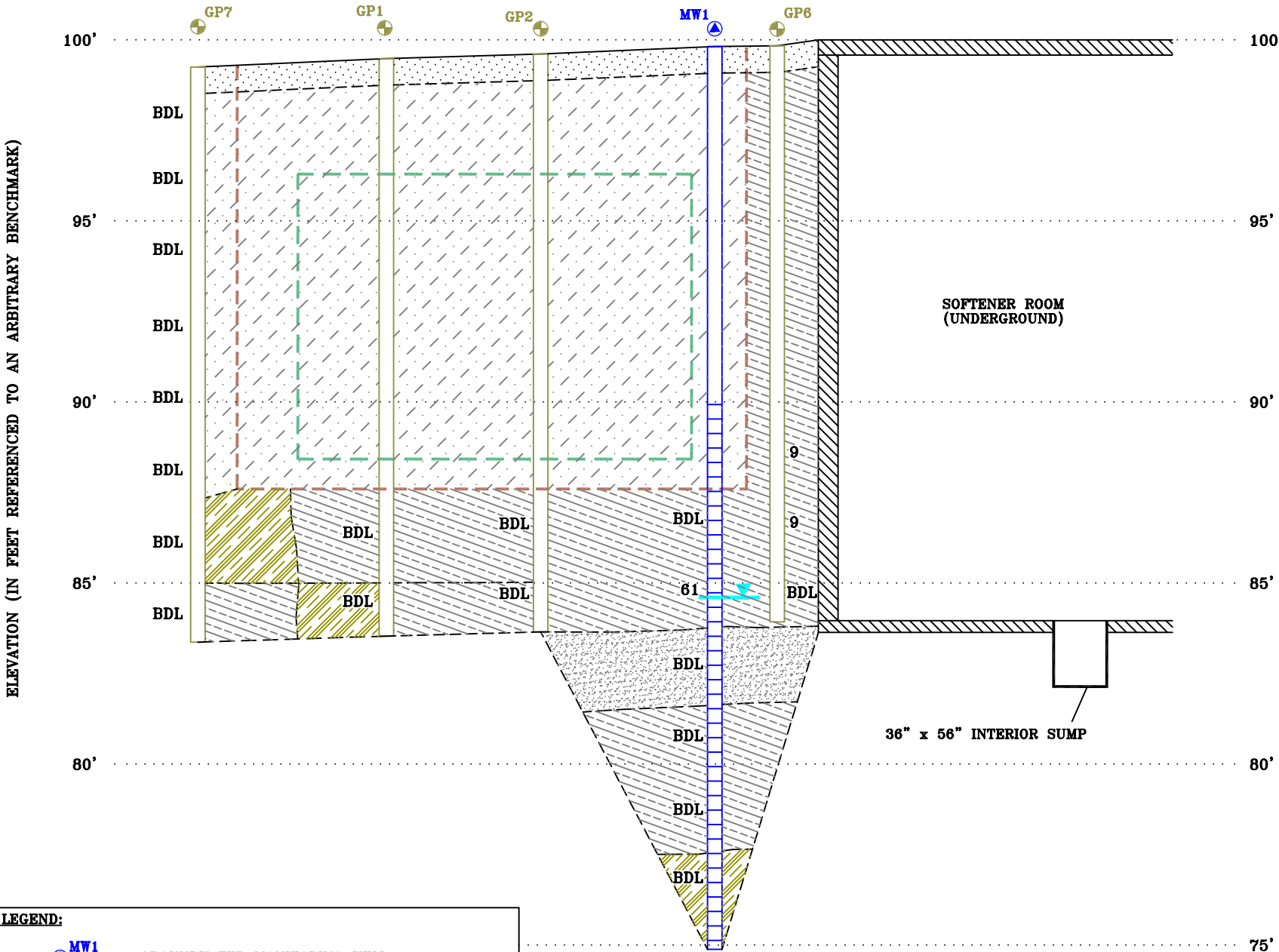
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	JSZ	X	1"=20'	03-15-04
PROJECT NO.: 1E-0309022			CAD No. E3090226	



CROSS SECTION B-B'

SCALE: VERTICAL 1" = 4'
HORIZONTAL 1" = 10'



LEGEND:

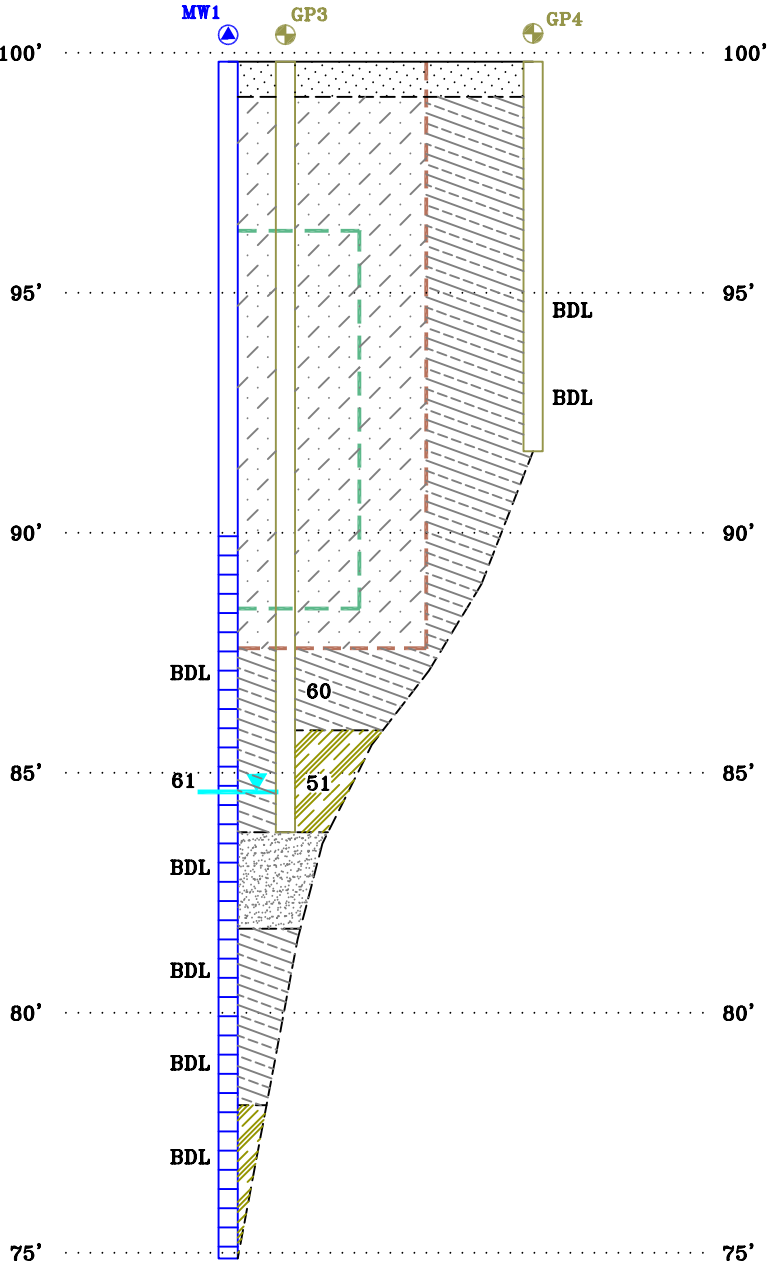
- MW1 GROUNDWATER MONITORING WELL
- GP1 GEOPROBE SOIL BORING
- WELL SCREEN
- FORMER 10,000 GALLON FUEL OIL UST
- APPROXIMATE EXTENT OF EXCAVATION FOR STORAGE TANK REMOVAL
- STATIC WATER LEVEL (2/27/04)
- 61 PHOTOIONIZATION DETECTOR (PID) READING
- BDL BELOW PID DETECTION LIMIT


SOIL KEY:

- ASPHALT AND BASE COURSE
- PEA GRAVEL FILL MATERIAL
- SILTY CLAY
- CLAYEY SILT
- SILT
- SOIL CONTACT LINES ARE DASHED WHERE INFERRED

CROSS SECTION A-A'

SCALE: VERTICAL 1" = 4'
HORIZONTAL 1" = 10'





GILES ENGINEERING ASSOCIATES, INC.
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WAUKESHA, WI, 53186 (262)-544-0118

FIGURE 4
CROSS-SECTIONS A-A' AND B-B'
BROOKFIELD CENTRAL HIGH SCHOOL
16900 GEBHARDT ROAD
BROOKFIELD, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
SCT	JSZ	X	1"=20'	03-12-04
PROJECT NO.: 1E-0309022			CAD No. E3090224	

Mr. Dave Ross as DIRECTOR OF FACILITIES MGMT for the Elmbrook School District, states that the Elmbrook School District is the owner of the property which is located at 16900 Gebhardt Road, Brookfield, Wisconsin, and which is legally described in the following Warranty Deeds recorded as:

Document No. 480918, recorded on July 2, 1958,

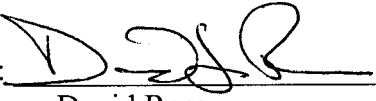
Document No. 384827, recorded on August 6, 1953,

Document No. 389430, recorded on November 18, 1953

Document No. Vol. 596 Pg. 448, recorded on March 9, 1953.

Which completely and accurately describes the complete parcel of the property (BRRTS No. 03-68-500824).

Elmbrook School District

By: 
David Ross

Date: June 10, 2004